

1/4

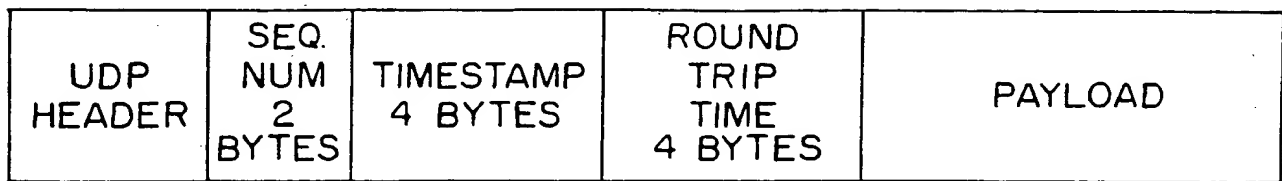


FIG. 1

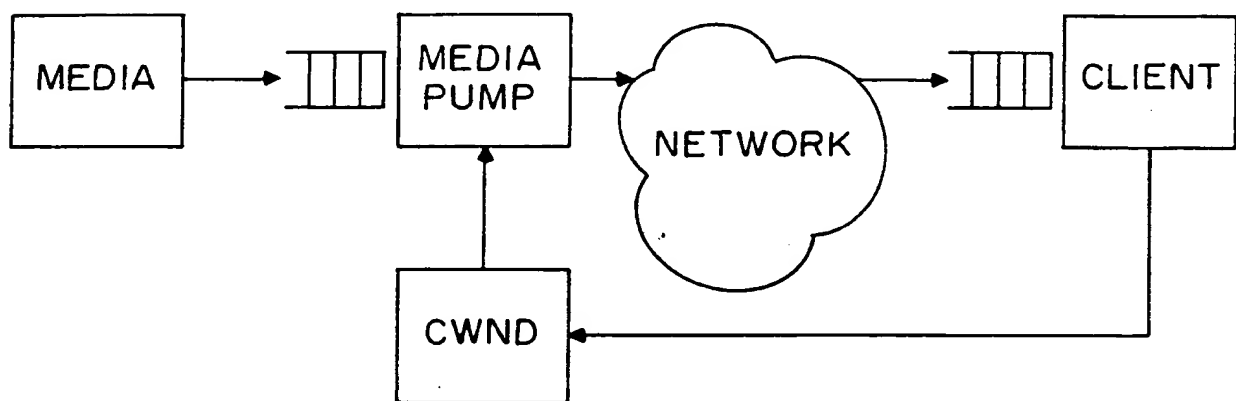


FIG. 3a

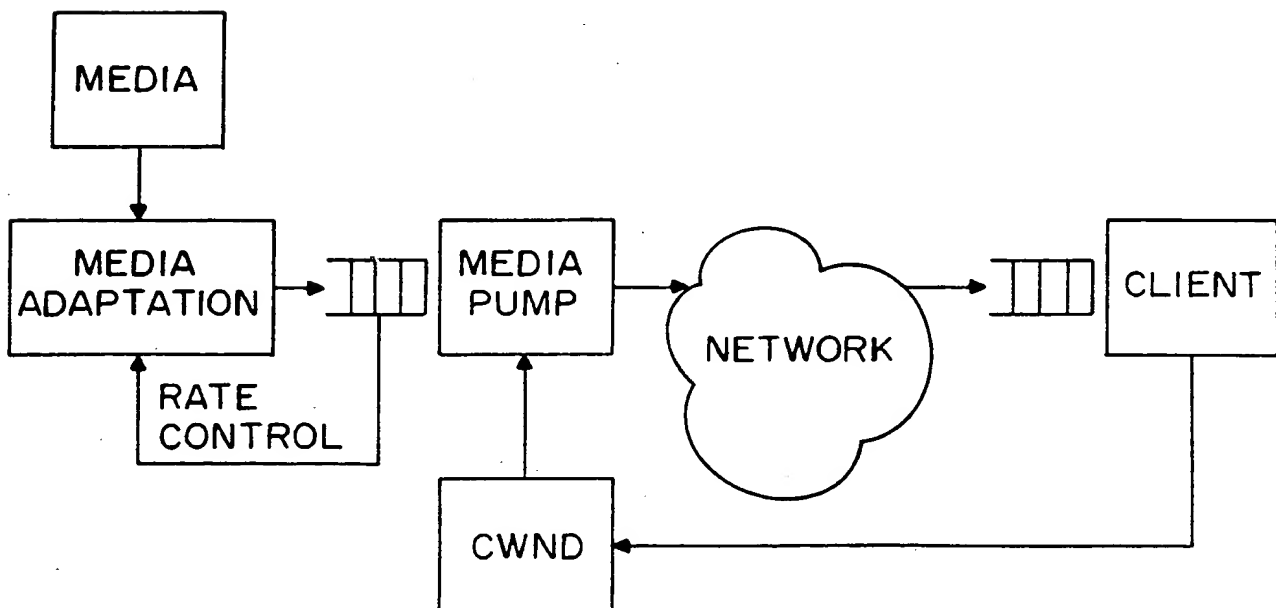
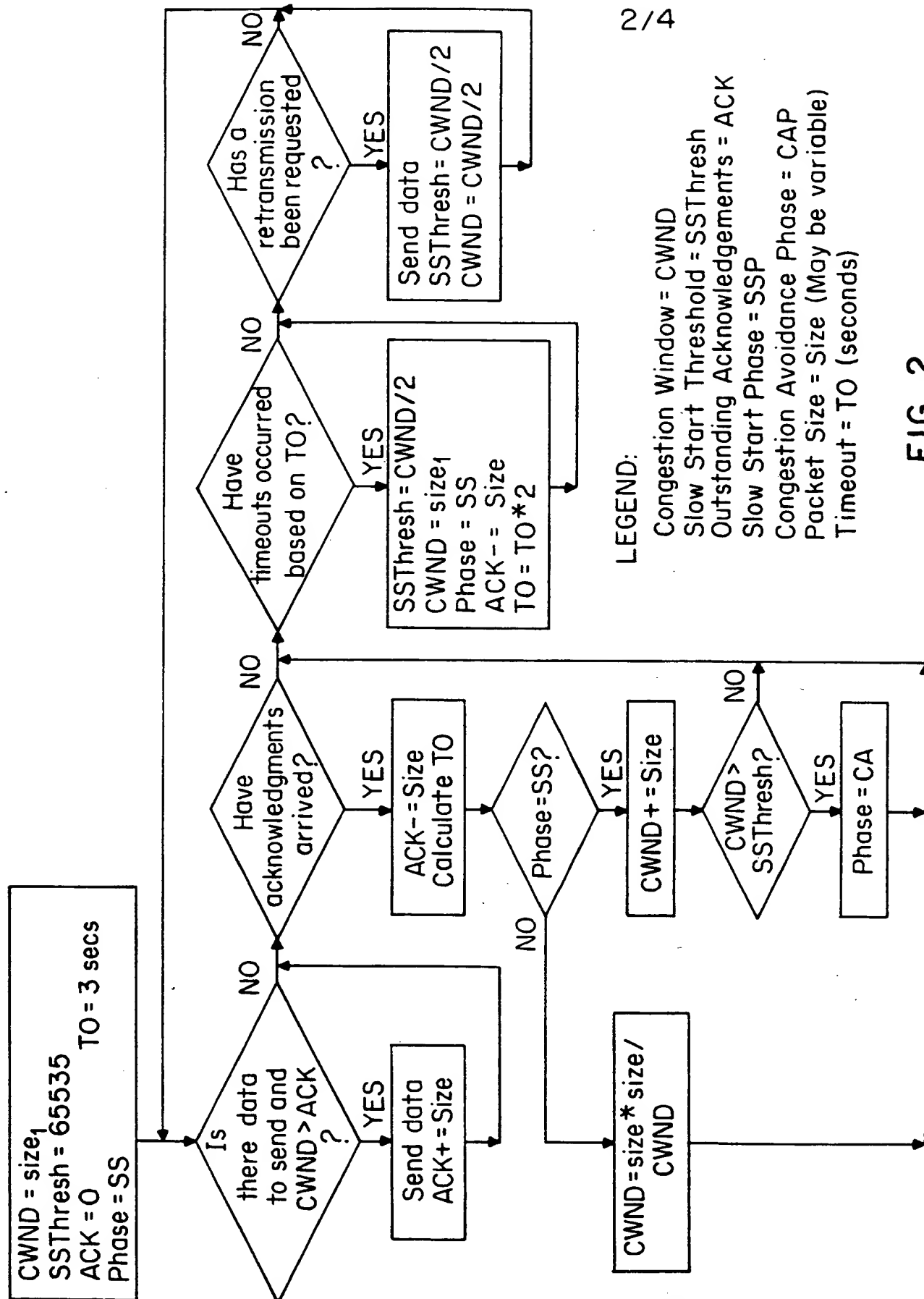


FIG. 3b



LEGEND:

Congestion Window = CWND
 Slow Start Threshold = SSThresh
 Outstanding Acknowledgements = ACK
 Slow Start Phase = SSP
 Congestion Avoidance Phase = CAP
 Packet Size = Size (May be variable)
 Timeout = TO (seconds)

FIG. 2

Occupancy_i = Average buffer occupancy over the ith 5 second interval
 Centering_i = Centering factor
 Beta_i = Beta factor
 Diff_i = Occupancy_i - Occupancy_{i-1} (Occupancy₁ = Occupancy₀ = 0)
 Occupancy_{Desired} = Desired buffer occupancy
 CV20 = Coefficient of Variation, as a function of a number of samples
 Rate_i = New rate to be fed into Dynamic Rate Shaper

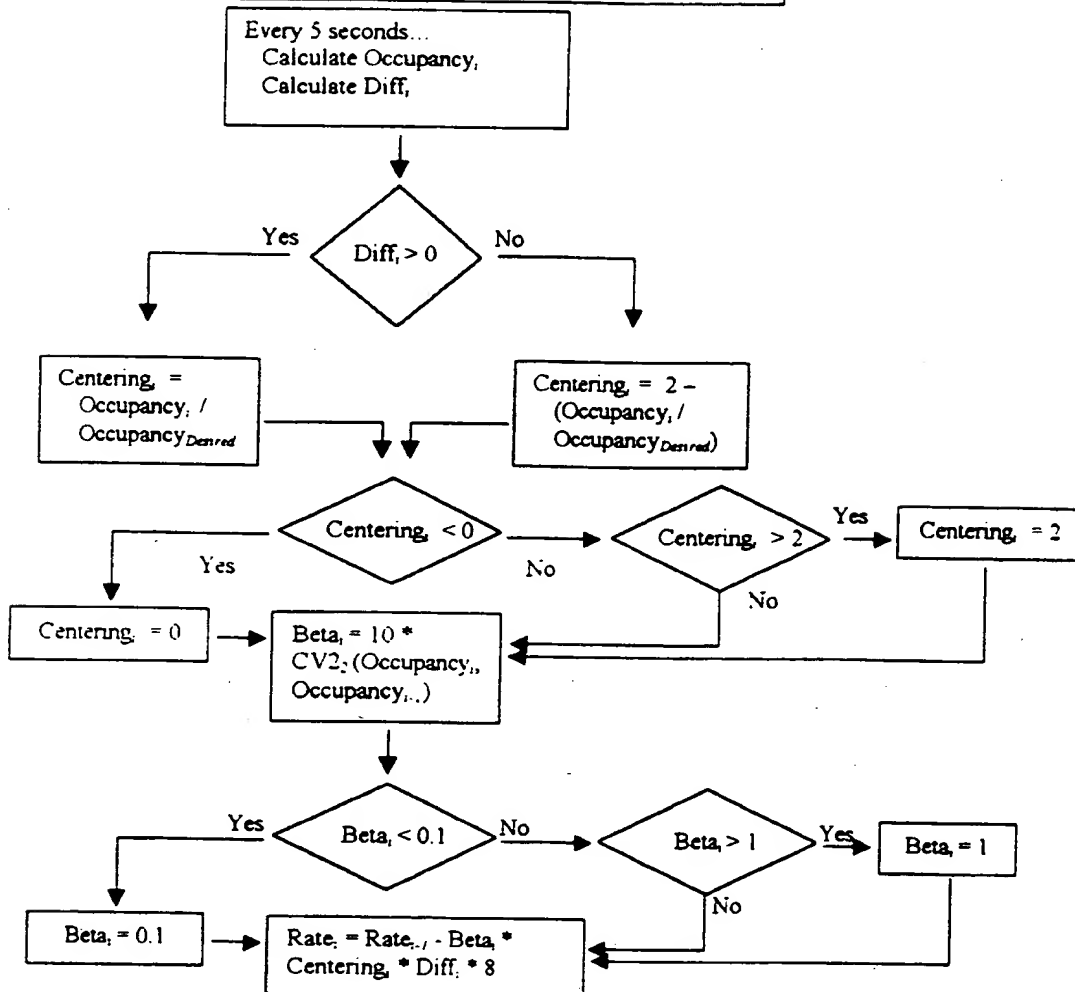


Fig. 4

4/4

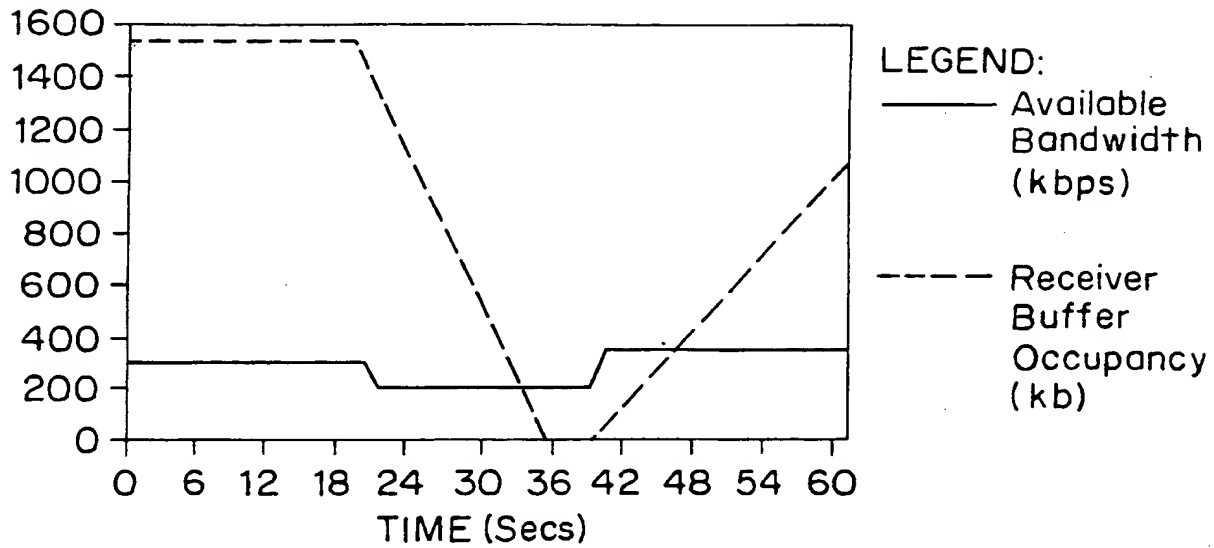


FIG. 5a

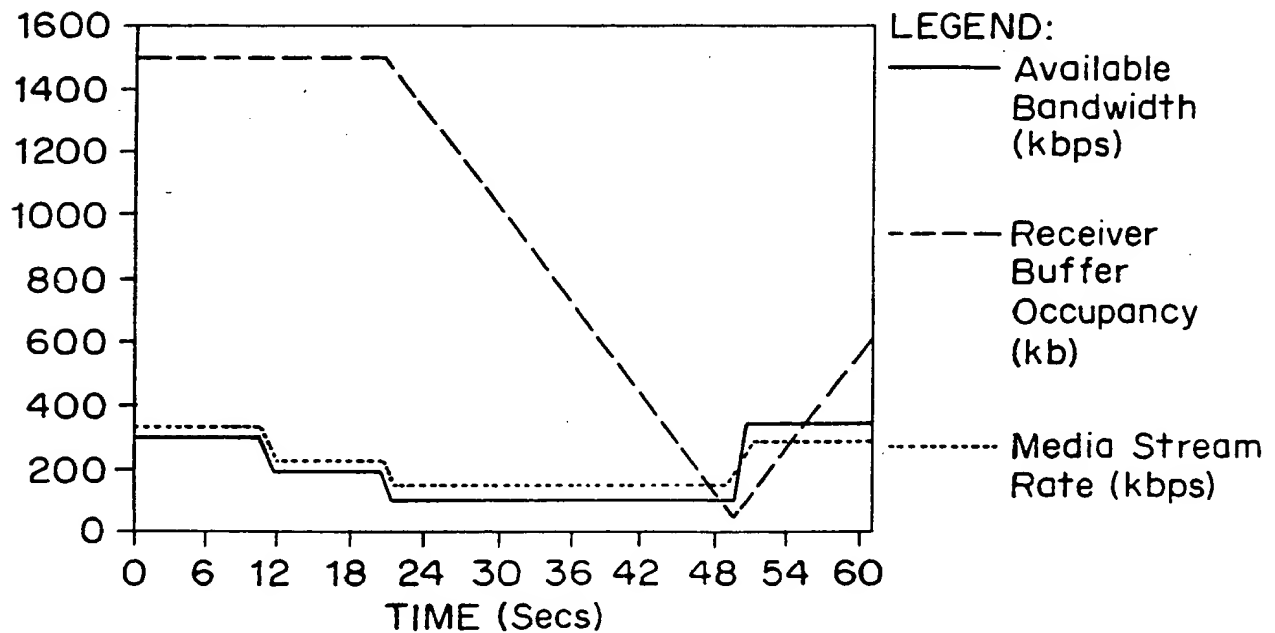


FIG. 5b

IP HEADER	UDP HEADER WITH CRC=0	APPLICATION DEFINED CRC	SEQ NUM, TIMESTAMP, AND RTT	PAYLOAD
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FIG. 6

SUBSTITUTE SHEET (RULE 26)